

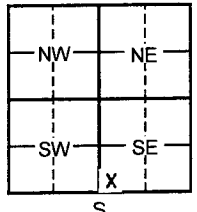
WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 SE 1/4 Section Number 30 Township Number T 3 S Range Number R 23 E
County: Doniphan
Distance and direction from nearest town or city street address of well if located within city? SW corner of 7th & Vermont, Elwood, KS
Global Positioning System (decimal degrees, min. of 4 digits)
Latitude: N 39.75546°
Longitude: W 94.88277°
Elevation: RIM: 818.02 TOC: 817.65
Datum: NAVD 27
Data Collection Method: legal survey

2 WATER WELL OWNER: KDHE-BER
RR#, St. Address, Box # : 1000 SW Jackson, Suite 410
City, State, ZIP Code : Topeka, KS 66612
3 LOCATE WELL'S LOCATON WITH AN "X" IN SECTION BOX:
4 DEPTH OF COMPLETED WELL 25.05 ft.
MW2
Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft.
WELL'S STATIC WATER LEVEL 16.15 ft. below land surface measured on mo/day/yr 1/27/15
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield gpm: Well water was ft. after hours pumping gpm
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr Sample was submitted Water Well Disinfected? Yes No X



5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded X
Blank casing diameter 2 in. to 10.05 ft., Dia in. to ft., Dia in. to ft.
Casing height below land surface 0.37 ft., Weight lbs./ft. Wall thickness or gauge No.
TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 9 ABS 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot 3 Mill slot 5 Gauze wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From 10.05 ft. to 25.05 ft. From ft. to ft.
GRAVEL PACK INTERVALS: From 8 ft. to 25.45 ft. From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Concrete: 0-1 ft
Grout Intervals From 1 ft. to 8 ft. From ft. to ft. From ft. to ft.
What is the nearest source of possible contamination:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below)
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/ gas well
Direction from well? W-SW How many feet? ~85 ft

Table with 4 columns: FROM, TO, LITHOLOGIC LOG, PLUGGING INTERVALS. Rows include lithologic log entries like 'Grass on top; Brown sandy clay, fine grained' and 'Sandy clay'.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was 1) constructed, 2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 1/26/15 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 757. This Water Well Record was completed on (mo/day/year) 2/25/15 under the business name of Larsen & Associates, Inc. by (signature)

INSTRUCTIONS: Please fill in blanks or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell.

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home
785-286-1990 Fax

Jessica Chapman
Larsen & Associates
1311 E. 25th Street, Suite B
Lawrence, Kansas, 66046

February 11, 2014

RE: Monitor Well Elevation Survey
7th & Vermont along Railroad, Elwood, Kansas

Proj. 15-00C
Dirt & Gravel Company
U4-022-14614

Bench Mark: Railroad spike in power pole 150 feet West of 8th Street on South side of Vermont Street.
Elev: 818.24 North 246 West 2704 (from SE Cor. Sec. 30-3-23E)

MW-1	rim	817.42	South	19	SW1/4,SW1/4,SW1/4,SE1/4
	top pipe	816.85	West	2570	Lat= 39.75539 Long = 94.88319
MW-2	rim	818.02	North	8	SW1/4,SW1/4,SW1/4,SE1/4
	top pipe	817.65	West	2453	Lat= 39.75546 Long = 94.88277
MW-3	rim	817.04	South	169	NW1/4,NW1/4,NW1/4,NE1/4 (Sec. 31-3-23)
	top pipe	816.74	West	2511	Lat= 39.75498 Long = 94.88298
MW-4	rim	815.86	North	81	SE1/4,SE1/4,SE1/4,SW1/4
	top pipe	815.54	West	2648	Lat= 39.75566 Long = 94.88347
MW-5	rim	816.33	North	71	SW1/4,SW1/4,SW1/4,SE1/4
	top pipe	816.00	West	2520	Lat= 39.75564 Long = 94.88301

Lat & Long derived from Wathena 7.5' quad map. NAVD 27

Elevation established from USGS BM N 106.

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service.

February 11, 2014
Dennis L. Handke RLS

